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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/603,914	06/24/2003	Hong-Da Liu	03166-UPS 4334	
33804	7590 02/10/2005	EXAMINER		INER
	PATENT SERVICES	TON, MINH TOAN T		
POST OFFICE BOX 2339 SARATOGA, CA 95070			ART UNIT	PAPER NUMBER
SAKATOOA,	CA 93070		2871	

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)		
Office Action Summary		10/603,914	LIU, HONG-DA		
		Examiner	Art Unit		
+		Toan Ton	2871		
Period fo	The MAILING DATE of this communication app or Reply	pears on the cover sheet with the c	orrespondence address		
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).					
Status		·			
1) 🗆	Responsive to communication(s) filed on	•			
, —	This action is FINAL. 2b) This action is non-final.				
3)□					
Disposition of Claims					
4)  Claim(s) 1-39 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)  Claim(s) is/are allowed.  6)  Claim(s) is/are rejected.  7)  Claim(s) is/are objected to.  8)  Claim(s) 1-39 are subject to restriction and/or election requirement.					
Applicati	ion Papers				
9) The specification is objected to by the Examiner.  10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.					
Priority under 35 U.S.C. § 119					
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>					
Attachment(s)					
	ce of References Cited (PTO-892)	4)	(PTO-413)		
3) Infor	ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) er No(s)/Mail Date		ate Patent Application (PTO-152)		

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\* This is a modified election/restriction requirement requiring Applicant to further elect subspecies directing to an embodiment that corresponds to claims 36-37 or claims 38-39.

## Election/Restrictions

- 1. The application comprises a plurality of disclosed patentably distinct species comprising:
- (1) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (1<sup>st</sup> embodiment, Figure 2);
- (2) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (2<sup>nd</sup> embodiment, Figures 3a-3b and 5); [here, Applicant has elected claims 21-23, 25-26, 28, 30-33]
- (3) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (3<sup>rd</sup> embodiment, Figure 4);
- (4) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (4<sup>th</sup> embodiment, Figures 6 and 18);
- (5) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (5<sup>th</sup> embodiment, Figures 7 and 19);
- (6) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (6<sup>th</sup> embodiment, Figure 8);
- (7) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (7<sup>th</sup> embodiment, Figures 9 and 17);
- (8) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (8<sup>th</sup> embodiment, Figure 10);

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(9) the specifics of the device being comprised of a particular reflector structure in a liquid crystal display having light condensing effect (9<sup>th</sup> embodiment, Figure 11);

- (10) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16a)
- (11) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16b)
- (12) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16c)
- (13) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16d)
- (14) the specifics of the device being comprised of a particular condenser having diffraction or refraction effect (an embodiment directing to Figure 16e)
- 2. If any one of the elected species is elected above, a further election of one of the following patentally distinct species is required:
- (a) the specifics of the device being comprised of liquid crystal cells in the liquid crystal layer are positive liquid crystals with particular characteristics (an embodiment directing to claims 33/1<sup>st</sup> alternative, 36-37);
- (b) ) the specifics of the device being comprised of liquid crystal cells in the liquid crystal layer are negative liquid crystals with particular characteristics (an embodiment directing to claims 33/2<sup>nd</sup> alternative, 38-39).

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3. Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement is traversed (37 CFR 1.143).

## **Contact Information**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

February 4, 2005

TOANTON
PRIMARY EXAMINER